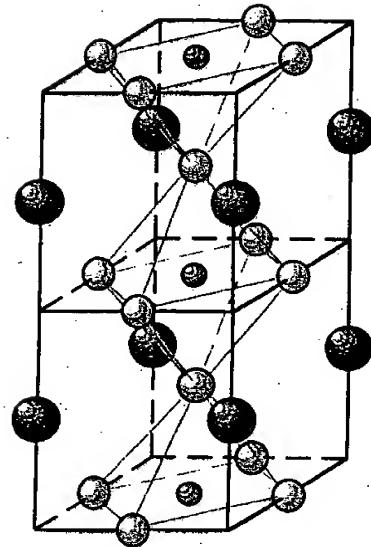
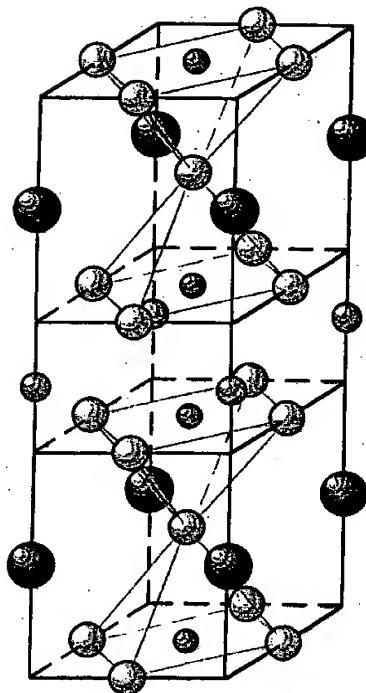


**Cu      O      Ca      Ba**  
**Tl**



**Cu-1201**

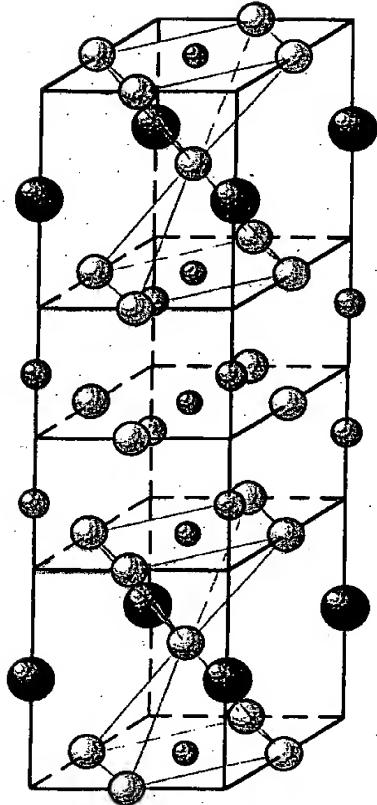


**Cu-1212**

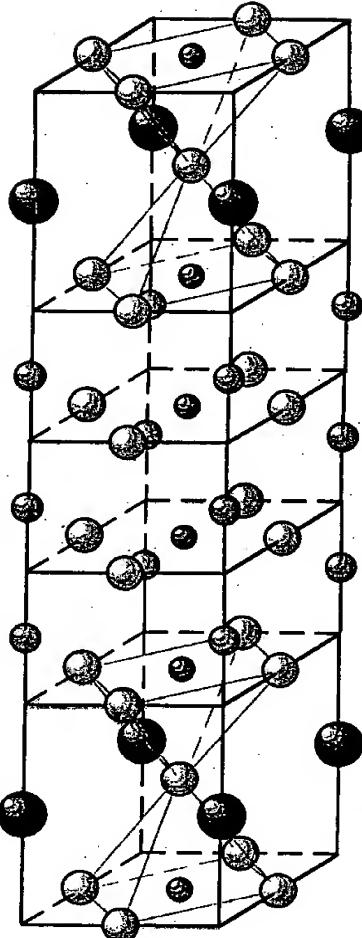
**FIG. 1A**

**FIG. 1B**

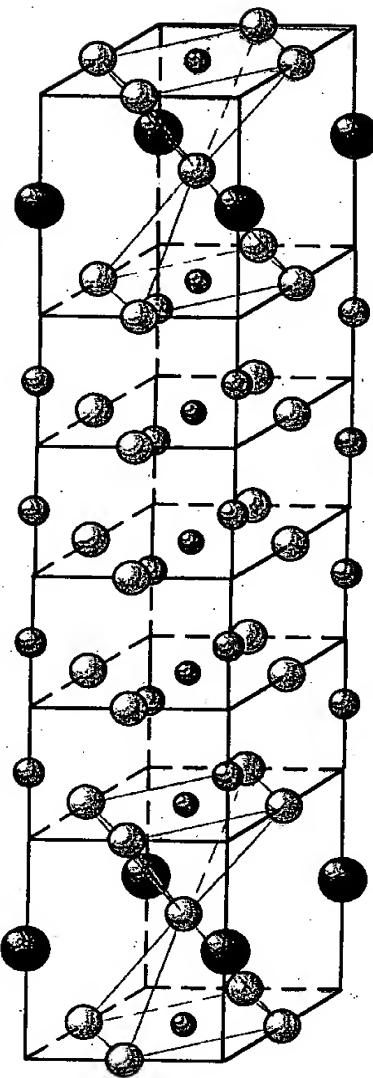
Cu      O      Ca      Ba



**Cu-1223**



**Cu-1234**



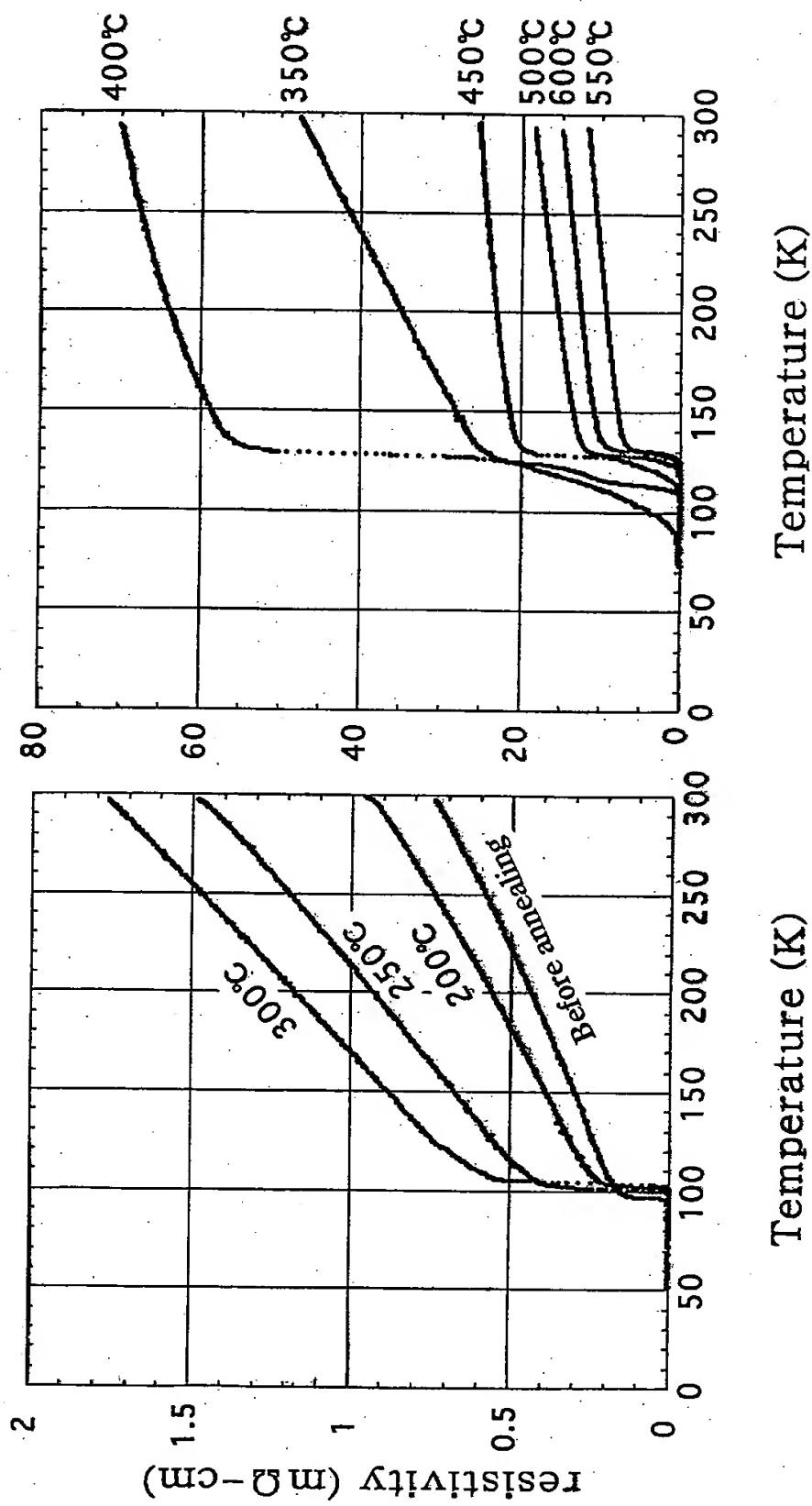
**Cu-1245**

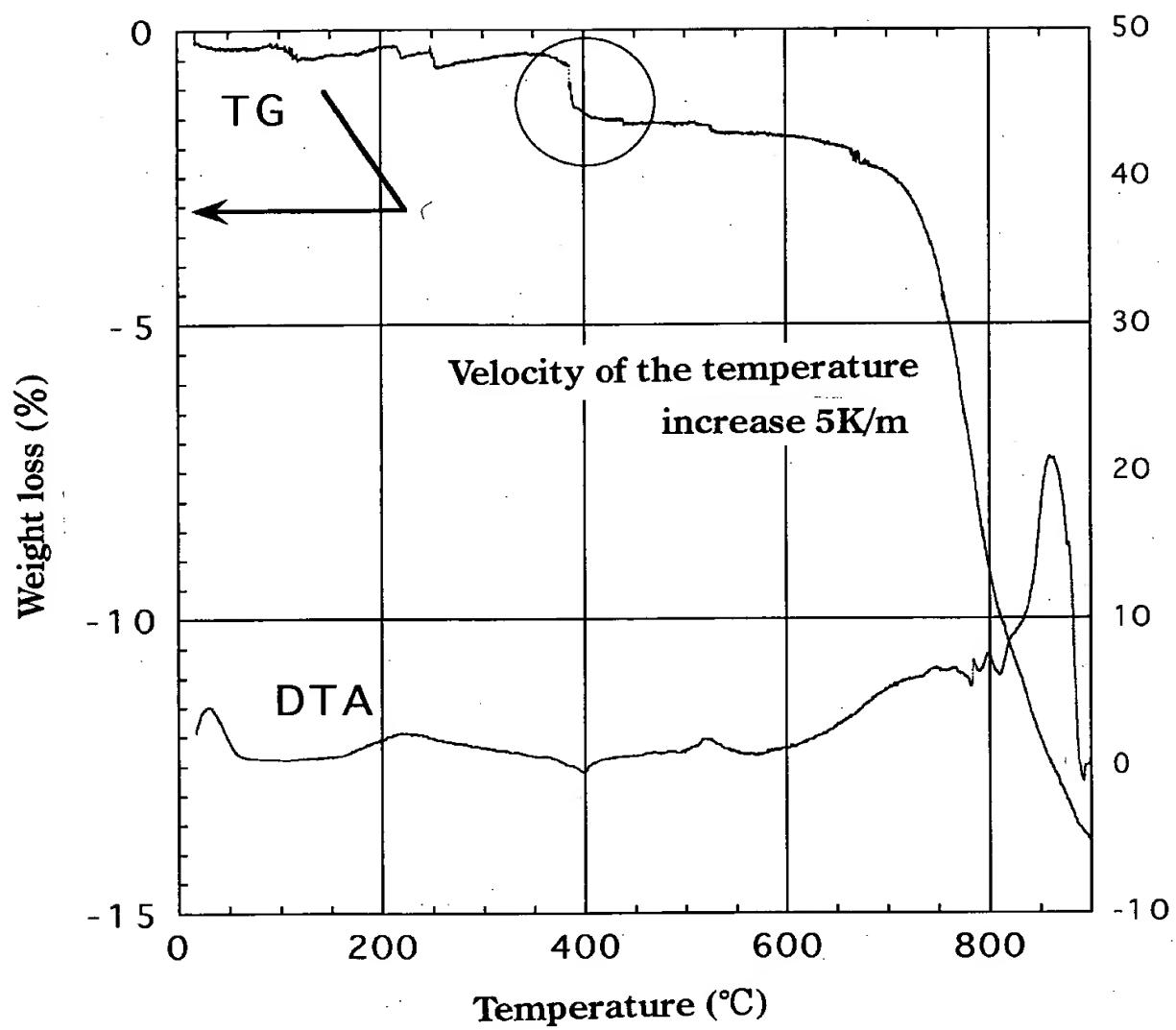
**FIG. 2A**

**FIG. 2B**

**FIG. 2C**

FIG. 3  
 The nitrogen-atmosphere-annealing temperature  
 dependency of the electrical resistivity





Differential thermal analysis of (Cu, Ti)-1223

FIG. 4

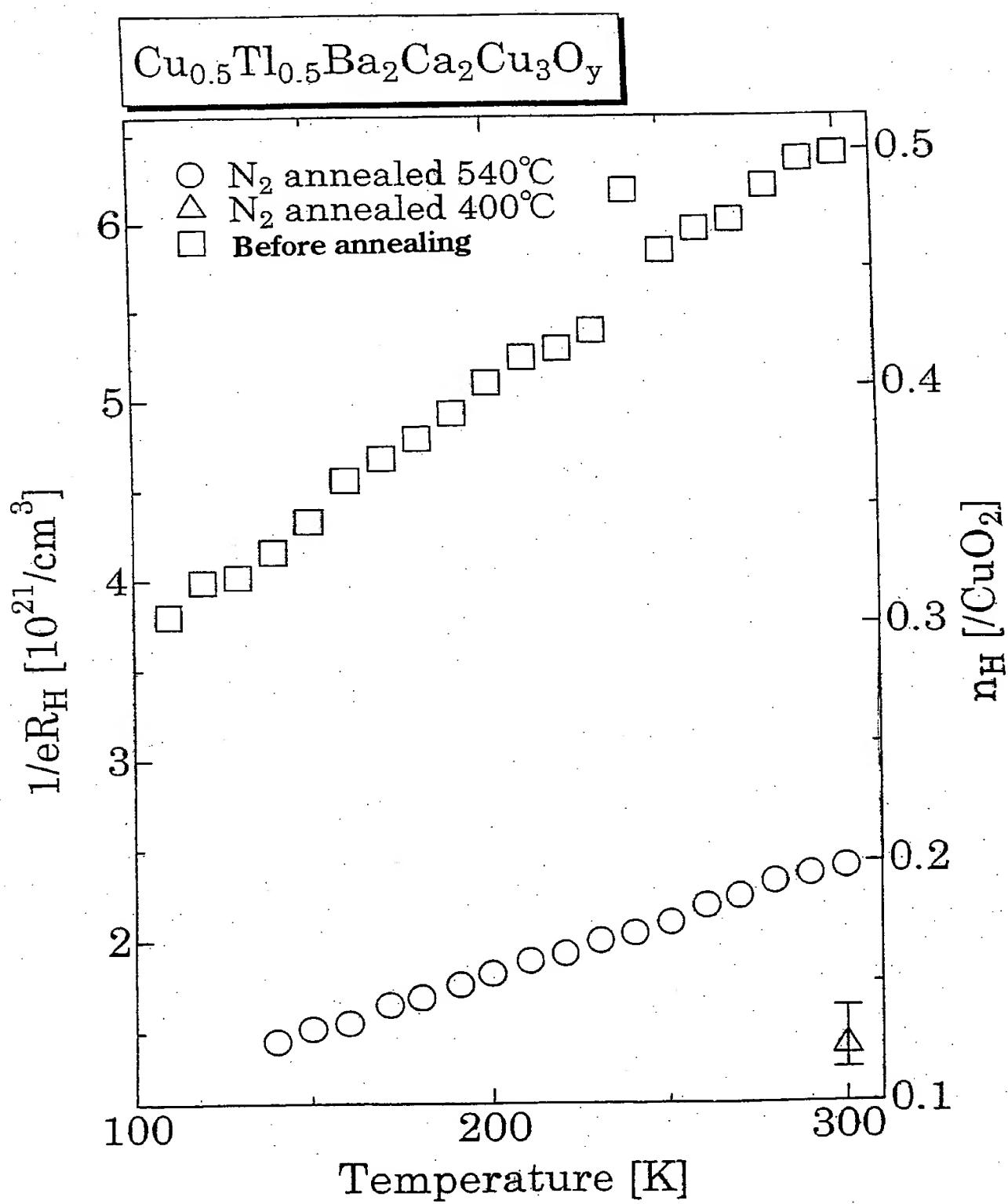


FIG. 5 Hole concentration for Cu found from measurement of Hall coefficient

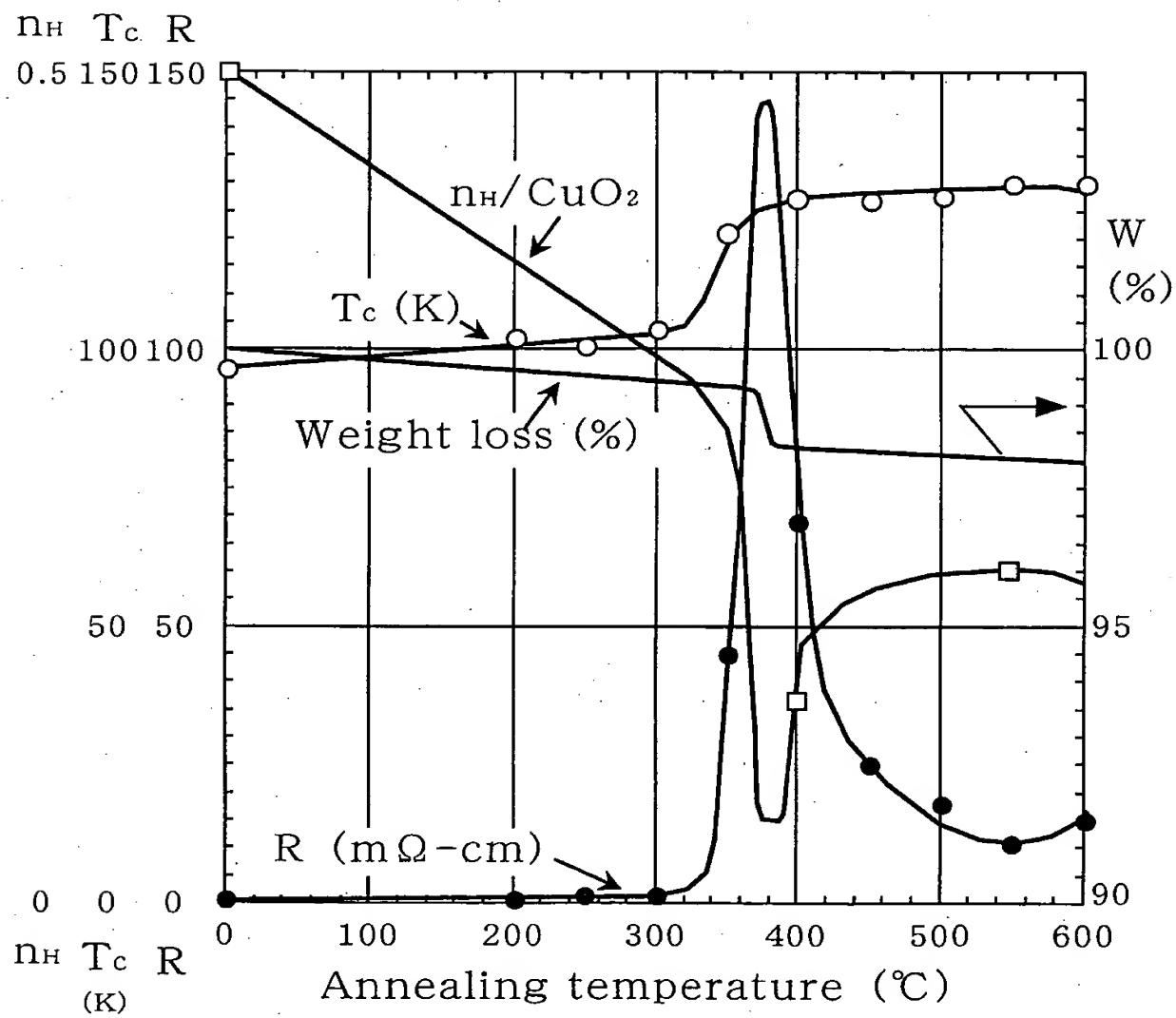


FIG. 6

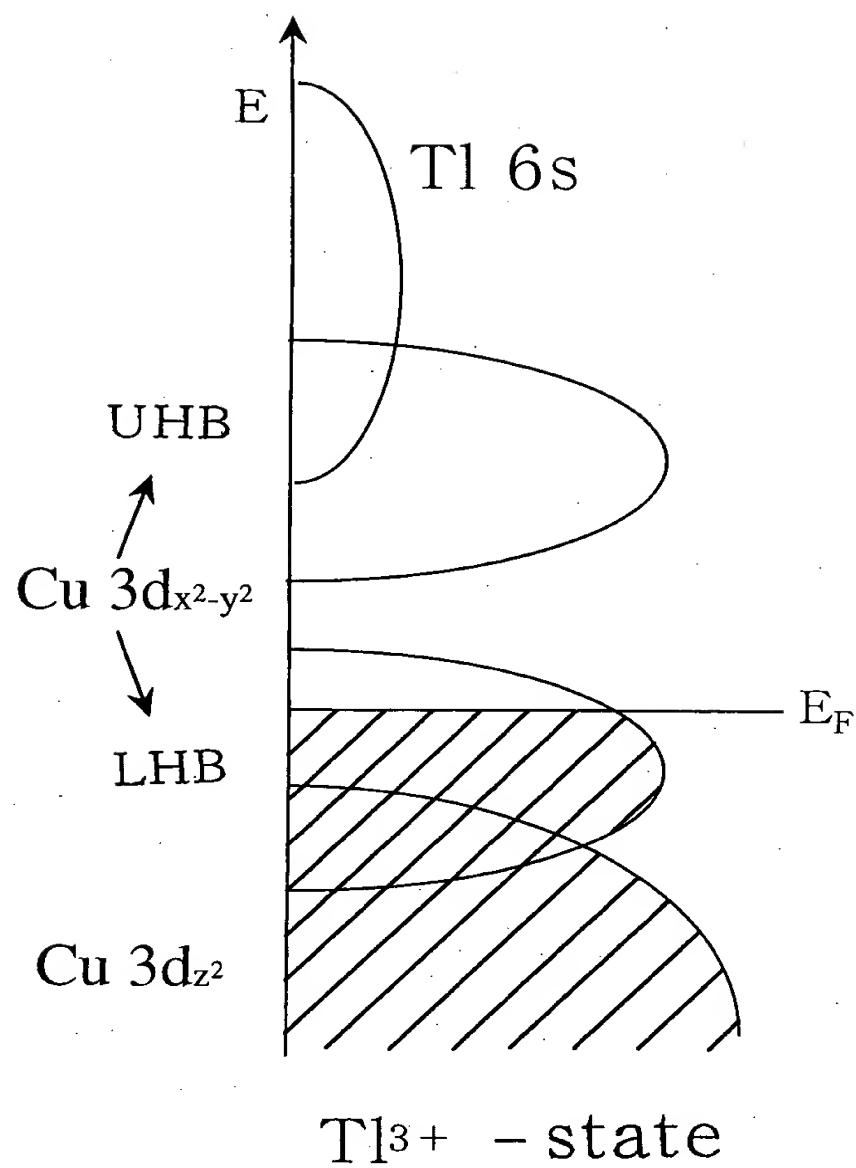


FIG. 7

04/926228

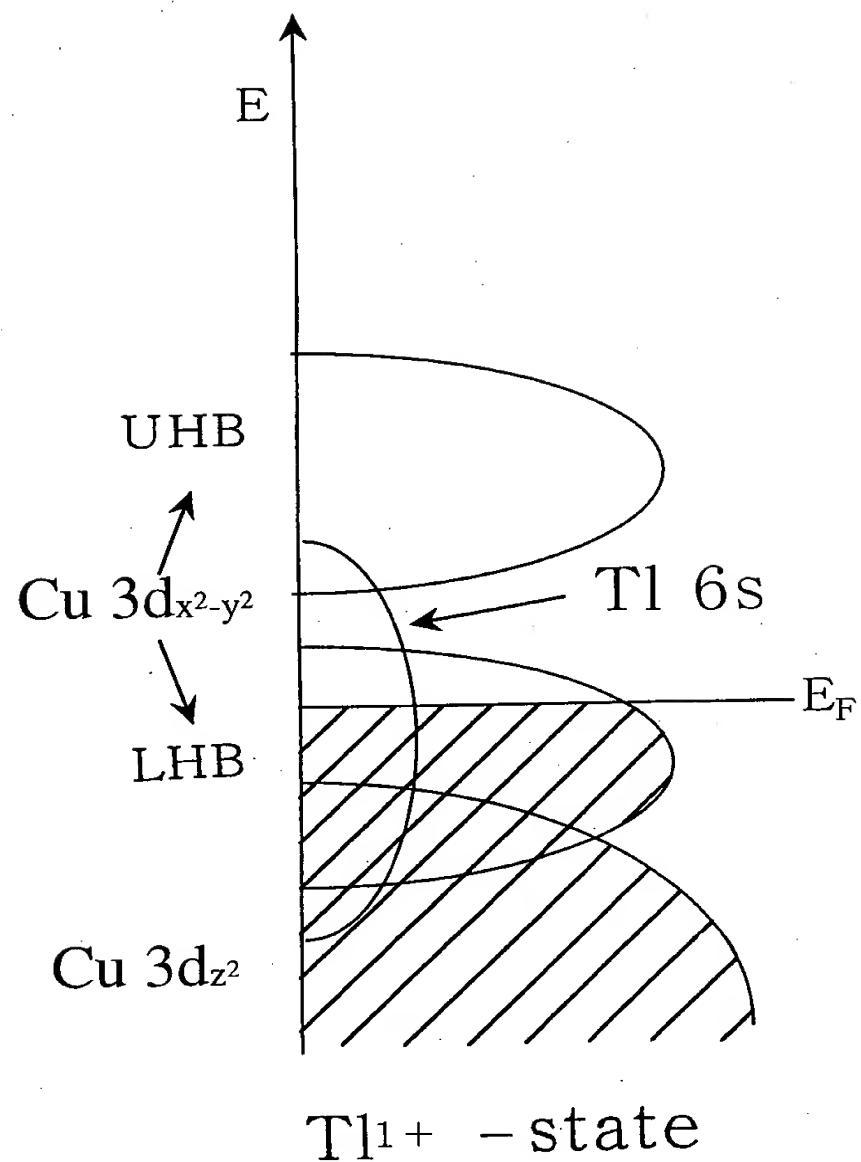


FIG. 8

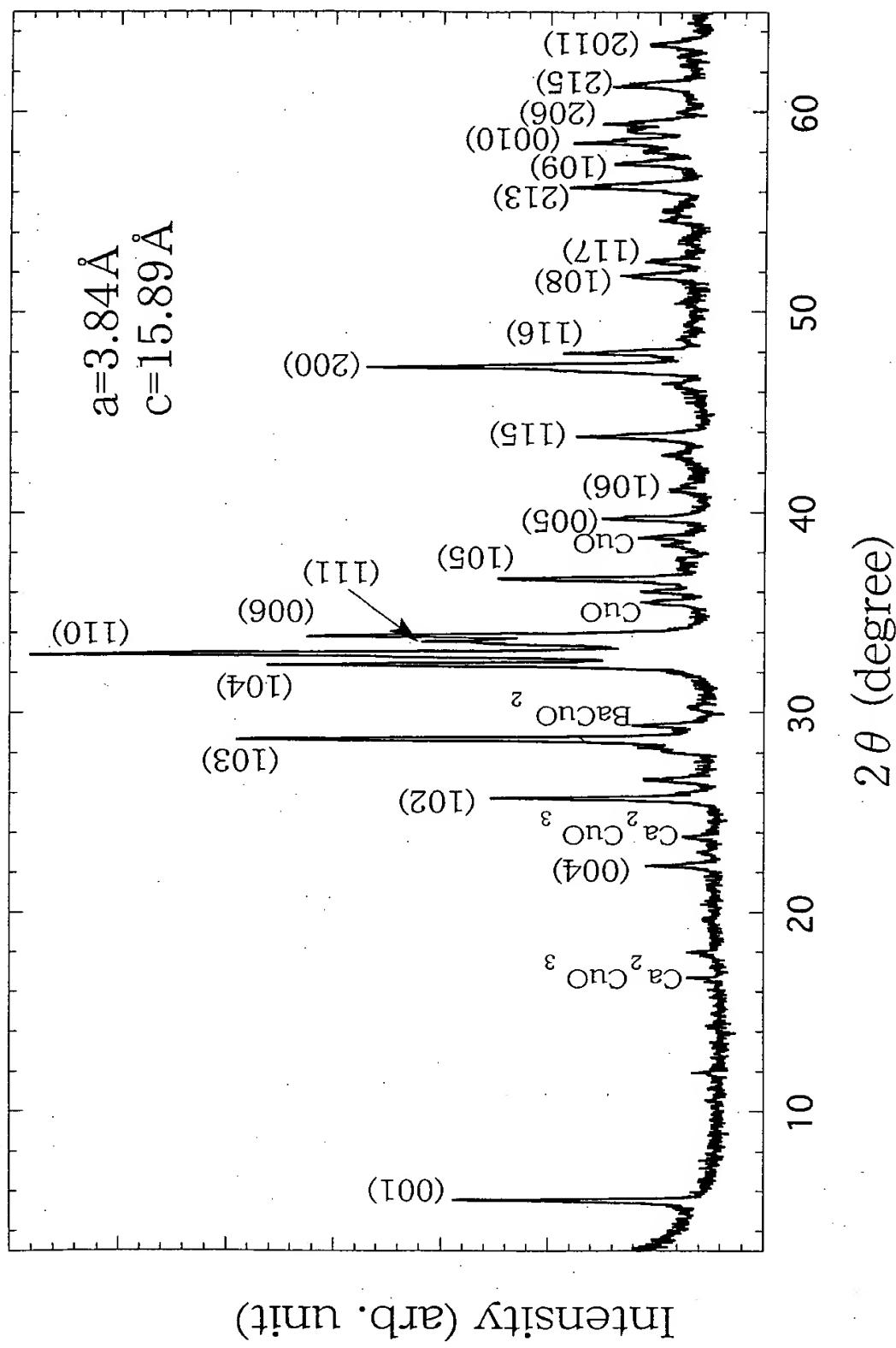


FIG. 9

$(\text{Cu},\text{Tl})\text{-}1223$  XRD